

# BEGINNER GUIDE TO AWS CLOUD

The background features a dark blue gradient with dynamic, abstract light effects. On the left and right sides, there are curved, particle-like trails of small white dots that sweep across the frame. Interspersed with these are sharp, diagonal streaks of light in shades of teal and orange, creating a sense of motion and digital energy.

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# WHO AM I

- Mayowa Akinyele
  - Got admitted in 2005, Drop-out in 2013 after 8 years in LAUTECH
    - Started all over in Russia for another 6 years, total 14 years to achieve Bsc.
  - Currently a Sr. Data Engineer @ Grover.
    - Germany Based Company
    - Build Systems that process Data to Target systems for different use case.
    - Build and Maintain the entire Data Platform
  - Founder @ CoreDataEngineer ( CDE )
    - Basically training and enabling aspiring Data Engineers
- Hobbies: Distributed systems, Football, Data Engineering

# AGENDA

- What is Cloud
  - What is AWS Cloud
  - AWS GLOBAL Infrastructure
  - AWS Cloud access awareness
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- The background of the slide features a dark blue field filled with numerous small, light blue dots. These dots are arranged in a pattern that suggests a grid or a starry sky. In the bottom right corner, there is a bright, diagonal streak of light, transitioning from a warm orange-yellow at its base to a cooler blue at its tip, resembling a comet or a laser beam.

# WHAT DO WE HAVE BEFORE CLOUD

- On premise Infrastructure
  - Every Infrastructure is pretty much on site
  - Tough to manage
  - Vulnerable to security breach
  - This is expensive, both monetary and human wise



# WHAT IS CLOUD

- Cloud is Definitely someone's space you rented in a physical location.
- See it as an environment with all infrastructure (Servers, storages, Databases)
- To use the space, you need to register and include bank account where they charge monthly
- When you rent, you simply rent those infrastructures in those physical location



# EVERYTHING STARTS FROM DATA CENTERS

- What is Data Center
  - This is the physical location where they have those infrastructures
- Let's talk about Regions and Availability Zones (AZ)
  - Regions are AWS Geographical areas around the World
  - Availability Zones are the actual Data Centers

# AWS CLOUD ACCESS AWARENESS

- You cannot survive without knowing IAM in AWS
- Permission is everything on AWS and it's Critical



**THANK YOU ALL**